

Abstract

A method for controlling the activity of drugs on or in drug-coated or drug-loaded implantable devices, such as stents or other metallic devices, uses non-invasive, inductive heating of such device. The heating of a device, such as stent, can be used to release drugs applied to the stent in release layers, to activate drugs on the stent that have little or no activity at body temperature and to enhance for defined periods the reaction environment at the stent for drug-adjacent tissue interactions. Reverse effects of deactivation of drugs upon heating are also possible.